Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No 11947/4

First Inventor CHOI, et al

Title METHOD AND SYSTEM FOR CLUSTERING OPTIMIZATION AND APPLICATIONS

(Only for n	ew nonprovisiona	applications under 37	' C.F.R. 1 53(b))	Express Mail	Label No.				
See MPEP o		ICATION ELEN		ADDF	RESS TO	Assistant Co Box Patent A Washington		ol ol	
1. A F	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27.				7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: conductive in CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies				
		gram listing appendix			, ACCOMP	PANYING APPL	ICATIONS PARTS		
- - -	Brief Summary of Brief Description Detailed Descripti Claim(s)	the Invention of the Drawings (if file on	d)	9. 1	37 C.F.R.		ent Power of Attorney)	
	Abstract of the Di	sclosure		11.	English T	ranslation Docur	ment (if applicable)		
4. D 5. Oath or I	rawing(s) (35 U Declaration		Sheets 16] Pages 2]	12.	Statement	on Disclosure t (IDS)/PTO-144	Copies of ID Citations	os	
b. 🗌 i. 🖺	Copy from a pi (for a continua) DELETION Signed stateme named in the pr 1.63(d)(2) and 1	d (original or copy) ior application (37 of tion/divisional with the of INVENTOR(S) in attached deleting in ior application, see 37 .33(b). heet. See 37 CFR	Box 18 completed)) ventor(s) CFR	13.	Return Re (Should b Certified C (if foreign Request a). Applicant mu	mized) Document(s)	/35	
	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1 76						,		
☐ Cross filed with the For CONTIN under Box 5	☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ☐ Cross Reference to Related Application included in Preliminary Amendment Attached Note. A cross reference to related application(s) must be ed with the USPTO before four months from the filing date of this continuing application or CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an eath or declaration is supplied inder Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
17. CORRESPONDENCE ADDRESS									
⊠ Custon	☑ Customer Number or Bar Code Label or ☐ Correspondence address below						low		
Name	23838 PATENT_TRADEMARK OFFICE								
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Country			Telephone			Fax			
Name (Pr	int/Type)	Michael N. Hayne	s	Registration	on No. (Attor	rney/Agent)	40,014	====	

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Date

May 31, 2001

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Signature

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CCC TO A NOMITTAL	Complete if Known			
FEE TRANSMITTAL	Application Number	Unassigned Herewith		
for FY 2001	Filing Date			
	First Named Inventor	CHOI, et ai.		
Patent fees are subject to annual revision.	Examiner Name	Unassigned		
	Group / Art Unit	Unassigned		
TOTAL AMOUNT OF PAYMENT (\$) 557	Attorney Docket No	11947/4		

TOTAL AMOUNT OF PAYMENT (\$) 557					Attorney Docket No 11947/4				/
METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)				
	The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:			3. ADDITIONAL FEES Large Small Entity Entity				_	
Deposit Account 11	-0600			Fee Code	Fee (\$)	Fee [,] Code	Fee (\$)	Fee Description	Fee Paid
Number					130	205	65	Surcharge - late filing fee or oath	
Deposit			1	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
Account Ke	enyon & Kenyon			139	130	139	130	Non-English specification	
Name			1	147	2,520	147	2,520	For filing a request for reexamination	
Charge Any Add Under 37 CFR	1 16 and 1.17			112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
Applicant claims See 37 CFR 1.	27			113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
2. Payment En	closed:			115	110	215	55	Extension for reply within first month	
☐ Check ☐ Credit card ☐ Money ☐ Other Order					390	216	195	Extension for reply within second month	
	FEE CALCULA			117	890	217	445	Extension for reply within third month	
BASIC FILING		11011	-	118	1,390	218	695	Extension for reply within fourth month	
Large Entity Small	Entity			128	1,890	228	945	Extension for reply within fifth month	
Fee Fee Fee	Fee Fee Des			119	310	219	155	Notice of Appeal	
Code (\$) Code	(\$)	Fee Paid	ٔ -	120	310	220	155	Filing a brief in support of an appeal	
101 710 201	355 Utility filin		'	121	270	221	135	Request for oral hearing	
106 320 206 107 490 207	160 Design fi 245 Plant fılır			138	1,510	138	1,510	Petition to institute a public use proceeding	
108 710 208	355 Reissue	filing fee	_	140	110	240	55	Petition to revive – unavoidable	
114 150 214	75 Provision	nal filling fee	_}	141	1,240	241	620	Petition to revive – unintentional	
	CURTOTAL (4)	(e) 255	_	142	1,240	242	620	Utility issue fee (or reissue)	
	SUBTOTAL (1)	(\$) 355		143	440	243	220	Design issue fee	
2. EXTRA CLAIM FEI	ES			144	600	244	300	Plant issue fee	
	Extra	Fee from Fee		122	130	122	130	Petitions to the Commissioner	
Total Claims 38	-20** = 18	below Paid X 9 = 162		123	130	123	130	Petitions related to provisional applications	
Independent Claims 3	-3** = 0	X 40 = 0		126	180	126	180	Submission of Information Disclosure Stmt	
Multiple Dependent		X = 0		581	40	581	40	Recording each patent assignment per property (times number of properties)	40
Large Entity Sm Fee Fee Fee	Eno.	escription		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
Code (\$) Cod 103 18 203	1e (\$)	s in excess of 20		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
102 80 202		endent claims in excess of 3		179	710	279	355	, , , , , , , , , , , , , , , , , , , ,	
104 270 204		le dependent claim, if not par		ľ	710			Request for Continued Examination (RCE)	
109 80 209		ssue independent claims ove al patent	r	169	900	169	900	Request for expedited examination of a design application	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent									
SUBTOTAL (2) (\$) 162				Other fe	e (specif	y)			
					ed by Ba	sıc Fılin	g Fee P	aid SUBTOTAL (3) (\$) 40	
**or number previously paid, if greater, For Reissues, see above			<u> </u>						

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SUBMITTED BY Complete (if applicable)						
Name (Print/Type)	Michael N Haynes	Registration No_Attorney/Agent)	40,014	Telephone	(202) 220-4247	
Signature	~>			Date	May 31, 2001	

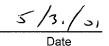
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

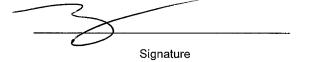
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REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor		CHOI et al.		
Title		For Clustering Optimization		
Atty Docket Number		11947/4		

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).





Michael N. Haynes (Reg. No. 40,014)

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement. This collection of information is required by 37 CFR 1 213(a). The information is used by the public to request that an application not be published under 35 U S C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U S C. 122 and 37 CFR 1 14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.